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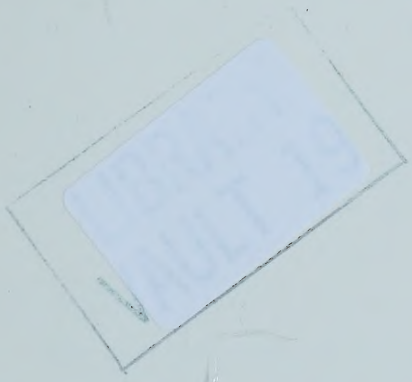


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ANNUAL REPORT

1973



REPORT OF THE
ALBERTA DISASTER SERVICES AGENCY
1973

*Honourable Hugh M. Horner, M.D.
Deputy Premier and Minister-in-Charge*

E. Tyler, Director

G E N E R A L

SCOPE

1. This report covers activities during the year 1973 only. Previous Annual Reports provided details of developments and activities prior to this period.

PROGRAM OBJECTIVES

2. The objectives of the Disaster Services program in 1973 were:
- a. To develop plans and preparations to deal with emergencies and disasters occurring in peacetime; and
 - b. To develop in peacetime, with the Government of Canada, civil plans and preparations to ensure the ability of Alberta and Canada to survive and recover from a war emergency.

LEGISLATION

3. For the first ten months of 1973, the Alberta Emergency Measures Organization continued to operate under authority of the Alberta Civil Defence and Disaster Act.
4. On 30 October 1973 the Disaster Services Act was proclaimed, repealing the Civil Defence and Disaster Act and establishing the Alberta Disaster Services Agency to replace the Alberta Emergency Measures Organization and deliver an emergency preparedness program for Alberta.
5. Eight Regulations promulgated under authority of the Civil Defence and Disaster Act continued in effect throughout 1973:
- a. Regulations respecting an Alberta Mutual Aid Thread for 2 1/2 inch Fire Hose Couplings and Fittings (Reg. No. 239/58).

- b. Emergency Planning for the Continuity of Government Regulations (Reg. No. 223/60, amended by Regulation No. 340/60).
- c. Emergency Fire Service Regulations (Reg. No. 375/61).
- d. Regulations Respecting and Governing the Emergency Planning Police Advisory Committee (Reg. No. 491/61).
- e. Municipal Civil Defence Plans Regulations (Reg. No. 590/62.)
- f. Emergency Health Service Regulations (Reg. No. 117/63).
- g. Regulations Governing Direction and Control During a Declared State of Emergency Due to an Actual or Apprehended Peacetime Disaster (Reg. No. 54/66).
- h. Regulations Respecting the Formation of Emergency Government Areas and Districts (Reg. No. 197/70).

LIAISON

6. Throughout 1973, Alberta Disaster Services continued to enjoy a good working relationship with other agencies involved in civil emergency and peacetime disaster planning. Close liaison was maintained with the Government of Canada Emergency Measures Organization, local Canadian Forces authorities, and in particular with all Alberta Government Departments, Agencies, and Boards.

FALLOUT SHELTER SURVEY (STUDENT SUMMER EMPLOYMENT PROGRAM)

7. The fallout shelter survey initiated in Edmonton and Calgary during the summer of 1972 was completed during 1973 by university students employed by the Government of Canada, with survey management again provided by Alberta Disaster Services. The students were also employed on hazard analysis work within Edmonton.

EMERGENCY OPERATIONS

8. A variety of emergency situations affected Alberta communities during 1973, ranging from shortages of domestic water supplies to flood threats, major electric power distribution failures, and the release of toxic Hydrogen Sulphide gas in the Camrose - New Norway area in October. Alberta Disaster Services involvement in measures taken to deal with these situations is described in Annex "A" to this Report.

CONFERENCES

9. Conferences attended by Alberta Disaster Services staff during 1973 are described in Annex "B".

CERTIFICATE OF MERIT

10. In 1973 Certificates of Merit were awarded to 13 Alberta citizens, as an acknowledgement of outstanding voluntary service to local and provincial emergency preparedness organizations.

LAY-OUT OF ANNUAL REPORT

11. This report is divided into six Parts, with supplementary Annexes, as follows:

- Part ONE - Organization
- Part TWO - Departmental Emergency Preparedness Program
- Part THREE - Training (including Exercises and Seminars)
- Part FOUR - Municipal Emergency Preparedness Program
- Part FIVE - Public Information
- Part SIX - Expenditures
- Annex A - Emergency Operations
- Annex B - Conferences
- Annex C - Training Statistics (Canadian Emergency Measures College)
- Annex D - Training Statistics (Provincial and Municipal Training)
- Annex E - Exercises

PART ONE

ORGANIZATION

KEY OFFICIALS

1. The Deputy Premier, The Honourable Hugh M. Horner, M.D., continued in his appointment as Minister-in-Charge, Alberta Disaster Services Agency. Following the retirement of Mr. Arnold J. Lavoie, on 1 April 1973 Mr. Ernest Tyler was appointed to be Director of the Agency.

PROVINCIAL HEADQUARTERS

2. The Provincial Headquarters continued to function under the structure of three Divisions: "Program Development", "Training" and "Administration".

EMERGENCY GOVERNMENT ZONES

3. For administrative and emergency operations purposes, the province remained sub-divided into three Emergency Government Zones. In a national emergency, each Zone Headquarters was to function as the centre of emergency government for the zone, under the control of a Regional Emergency Government Headquarters for Alberta.

4. The three Zones were constituted as follows:

- a. Peace River Zone -- comprising the north-western portion of the province, with administrative and emergency operations headquarters located in Grande Prairie. Zone staff in 1973 was one staff officer and one clerk.
- b. Northern Zone -- surrounding the City of Edmonton and comprising the central and north-eastern portion of the province, with administrative headquarters in Edmonton and emergency operations headquarters in Camrose. Zone staff in 1973 was two staff officers and one clerk.
- c. Southern Zone -- surrounding the City of Calgary and extending from Red Deer to the U.S. border, with administrative headquarters in Calgary and emergency operations headquarters in Olds. Zone staff in 1973 was two staff officers and one clerk.

5. The Zone Officers provided guidance and assistance to municipal authorities in developing peacetime disaster plans and survival programs, and co-ordinated municipal emergency plans with provincial government arrangements. Zone Officers made 411 visits to municipalities during 1973.

DISASTER SERVICES HEADQUARTERS AND ZONE STAFF

6. The 1973 staff complement for the province-wide operation of Alberta Disaster Services is tabulated below. Figures indicate the number of positions filled as of 31 March 1973 (i.e. the end of the 1972/73 Fiscal Year):

	Staff Officer Positions	Clerical Positions
a. Provincial Headquarters	12	11
b. Three Zone Headquarters	5	2
c. Essential Records Program		2
Totals:	17	15

DISASTER SERVICES DEPARTMENTAL EMERGENCY PLANNING STAFF

7. In 1973, Disaster Services emergency planning staff was functioning in other Departments and Agencies as shown in the following table. Figures indicate the number of positions filled as of 31 March 1973.

	Staff Officer Positions	Clerical Positions
a. Alberta Health and Social Development (Emergency Health Services)	3	1
b. Alberta Health and Social Development (Emergency Welfare Services)	2	1
c. Alberta Government Telephones (Emergency Communications Services)	1	Nil
Totals:	6	2

8. In twenty-two other Departments and Agencies, a designated Emergency Planning Officer continued to function on a part-time basis, at no cost to the Alberta Disaster Services appropriation.

MUNICIPAL ORGANIZATION

9. General. At the end of 1973, a total of 312 municipalities (299 incorporated and 13 non-incorporated) were participating in the program, as detailed below.

a. Incorporated Municipalities

(1) Cities	9 (out of 10 in the province)*
(2) Towns	95 (out of 102)
(3) Villages (including 33 Summer Villages)	152 (out of 168)
(4) Counties	27 (out of 30)
(5) Municipal Districts	16 (out of 18)
Total:	299 (out of 328)

* For emergency preparedness purposes, the City of Lloydminster was administered by the Province of Saskatchewan.

b. Non-incorporated Municipalities

(1) Improvement Districts (including National Parks)	10 (out of 24)
(2) Special Areas	3 (out of 3)
Total:	13 (out of 27)

10. Emergency Government Areas. The development of Emergency Government Areas was continued. At the end of the year, 46 E.G. Areas were operating in the province, representing 269 Municipalities which had joined forces for program development.

11. Emergency Government Districts. The Cities of Edmonton and Calgary maintained their co-operation with adjacent E.G. Areas and Municipalities, within the framework of two Emergency Government District Organizations.

PART TWO

DEPARTMENTAL EMERGENCY PREPAREDNESS PROGRAM

JOINT FEDERAL/PROVINCIAL EMERGENCY GOVERNMENT HEADQUARTERS

1. The operational readiness of the joint Emergency Government Headquarters was maintained. Government Departments and Agencies added to their library of essential records stored in the Emergency Headquarters. The headquarters concerned were:

Regional Emergency Government Headquarters	- Penhold
Zone Emergency Government Headquarters	- Grande Prairie (Peace River Zone)
	- Camrose (Northern Zone)
	- Olds (Southern Zone)

PROVINCIAL DEPARTMENTAL RELOCATION UNIT

2. Departments and Agencies added to their library of essential records stored in the Provincial Departmental Relocation Unit at the Red Deer College, Red Deer.

PRESERVATION OF ESSENTIAL RECORDS

3. The Alberta Disaster Services microfilming facility continued to duplicate records for various Departments and Agencies, under the Essential Records Preservation Program. During the year, 455,007 records were filmed, bringing the aggregate total since the start of the program to 5,476,150. The following Departments and Boards had essential records microfilmed in 1973:

- a. Consumer Affairs (Companies Branch)
- b. Surface Rights Board
- c. Lands and Forests
- d. Public Service Pension Board

AGRICULTURE

4. Emergency assignments of Alberta Agriculture personnel were reviewed and updated.
5. Five E.G. Areas prepared Agriculture Annexes to their plans. A further five Annexes were in various stages of preparation.
6. Eight Alberta Agriculture personnel attended emergency planning courses at the Canadian Emergency Measures College, Arnprior, Ontario.

ALBERTA GOVERNMENT TELEPHONES

7. The mobile emergency communications units were exercised quarterly and improvements incorporated to enhance their effectiveness. Additional personnel were trained in operational procedures in order to facilitate readiness in an emergency.
8. Twenty-four additional Area/Municipal Emergency Government Headquarters Communications plans were received and reviewed with local Alberta Government Telephones and Municipal personnel.
9. Line Load Control lists, covering ten centres where this protection is available, were reviewed and updated.
10. Emergency Amateur Radio Network exercises were continued each Sunday in order to familiarize new operators with procedures and exercise regular operators in expediting messages.
11. Lists of surplus communication equipment were prepared and sent to enrolled Amateurs and Emergency Headquarters personnel, with the offer of the loan of any item of value in their emergency role.

ATTORNEY GENERAL

12. The Emergency Police Service Plan was reviewed and up-dated. The plan for peacetime disasters was amended, and meetings concerning peacetime actions were attended.
13. The list of reserves, comprised of trained ex-members of the R.C.M.P. residing within Alberta who had expressed their willingness to assist the Force in times of emergency, was updated. The re-survey of vital points was continued, in keeping with the overall plan.

14. R.C.M.P. "K" Division personnel, in the normal course of their duties were involved in all disasters, potential disasters, or near-disasters in the province. The Emergency Planning Branch was directly involved in the Camrose - New Norway Hydrogen Sulphide emergency and in the meetings arising as an aftermath, and also in the Leduc air crash earlier in the year. The Branch also participated in Exercise Wintrex, and emergency preparedness meetings and conferences were attended and briefs presented as required.

15. Members of the R.C.M.P. attended courses at the Canadian Emergency Measures College, and with Ontario Hydro in connection with emergency preparedness duties.

16. A display depicting police involvement in disasters and emergencies was presented during Police Week.

MANPOWER AND LABOUR

17. The Alberta Emergency Fire Services Plan was rewritten, approved and re-issued. Review and updating of municipal plans was postponed pending approval of the revised Provincial Plan.

18. Three 625 GPM Triple-combination fire trucks, complete with allied equipment and protective clothing, were maintained for training purposes.

HEALTH AND SOCIAL DEVELOPMENT - EMERGENCY HEALTH SERVICES (EHS)

19. Development of Provincial Emergency Health Services Plans for peacetime and wartime emergencies progressed favourably.

20. Health Annexes to two Emergency Government Area Survival Plans were approved. A further four Annexes were developed and awaited final approval.

21. Five Active Treatment Hospitals completed and exercised their Disaster Plans. Fourteen Active Treatment Hospitals conducted refresher exercises.

22. Twelve vacancies on Federal Courses conducted at Arnprior were filled by medical and associate medical personnel.

23. Nine Emergency Health Services courses were conducted in the Province.

24. Thirty-five lectures were presented.

25. Two training exercises with the Emergency Hospital were conducted.

26. For details of Emergency Health Services Training, see Part Three of this report.

27. Twelve Hospital Disaster Kits were provided to Active Treatment Hospitals.

28. The Advanced Treatment Centre and Casualty Collecting Unit for Southern Zone were placed in storage in the City of Calgary.

HEALTH AND SOCIAL DEVELOPMENT - EMERGENCY WELFARE SERVICES (EWS)

29. The Social Development Section of the Department of Health and Social Development Survival Plan was amended and distributed.

30. Three new E.G. Area/Municipal Emergency Welfare plans were completed, and thirteen others updated.

31. Emergency evacuation plans for seven Welfare Institutions were completed and approved for inclusion in the Emergency Welfare Services Annex to the City of Calgary Survival Plan.

32. Three representatives of Alberta Agriculture, four from the City of Calgary and one from the City of Edmonton, attended Emergency Welfare Services courses at the Canadian Emergency Measures College, Arnprior, Ontario.

33. Seven EWS Courses were conducted at the Alberta Disaster Services School, Edmonton:

- a. One Emergency Lodging Course;
- b. One Registration and Inquiry Course;
- c. Three Emergency Clothing Courses;
- d. Two Emergency Feeding Courses.

34. In addition, lectures on EWS planning and organization were given by EWS Departmental Staff during orientation courses conducted for Municipal Co-ordinators, Registered Nurses, and Nursing Aides.

35. Eight Welfare Centre Operations courses were conducted at various Alberta municipalities, with a total of 91 candidates attending.

36. Staff visits to municipalities were continued, to promote planning, organization and training at the local level. Visits also included the inspection of EWS equipment and supplies stored throughout the province.

37. An additional nine hundred blankets were placed in permanent storage in Calgary.

38. Provincial Emergency Welfare Services Staff and Camrose Regional Office Staff were involved in the Hydrogen Sulphide emergency in the Camrose - New Norway area, although actual movement of evacuees was not required.

39. The Emergency Welfare Services Director was present with other Disaster Services representatives in the Town of Peace River during the April flood threat period, to observe and advise regarding Emergency Welfare Services assistance; however, this assistance was ultimately not required.

OTHER DEPARTMENTS AND AGENCIES

40. Several other Departments and Agencies not mentioned above continued liaison with the Disaster Services Agency and designated staff for positions in Emergency Government Headquarters. The storage of essential records continued. The Departments and Agencies concerned were:

Advanced Education

Alberta Liquor Control Board

Consumer Affairs

Culture, Youth and Recreation

Education

Environment

Federal and Intergovernmental Affairs

Highways and Transport

Industry and Commerce

Lands and Forests

Mines and Minerals

Municipal Affairs

Provincial Treasurer

Public Affairs Bureau

Public Works

Energy Resources Conservation Board

Personnel Administration Office

Provincial Auditor

Public Utilities Board

Research Council of Alberta

University of Alberta

Workers' Compensation Board

PART THREE

TRAINING (INCLUDING EXERCISES AND SEMINARS)

POLICY

1. The enactment of the Alberta Disaster Services Act created an immediate impact on the training program, such as amendments to the Local Peacetime Disaster Seminars. To permit staff time for a complete review of the program, some training activities oriented entirely to preparedness for a war emergency were suspended during the last few months of the year.

PROGRESS OF TRAINING

2. A total of 52 candidates from Alberta attended courses, conferences and other events at the Canadian Emergency Measures College, Arnprior, Ontario, and 1,281 received training under provincial auspices, making grand totals of 2,640 Alberta candidates trained on federal courses and 41,198 trained under provincial auspices since the inception of the program. Emergency Measures Districts, Areas and Municipalities conducted a few courses giving initial training, but the bulk of training at the local level concentrated on refresher type courses for previously trained personnel. Details of courses and numbers of candidates are shown in Annexes "C" and "D" of this report.

EMERGENCY HOSPITAL TRAINING

3. The training Emergency Hospital was used in 2 localities, to train a total of 104 personnel from Active Treatment Hospitals. On each occasion, the general public was invited to view the emergency hospital.

TRAINING OF REGULAR VOLUNTEER FIREMEN AND FIRE FIGHTING AUXILIARIES

4. The Fire Commissioner's staff, using Alberta Disaster Services fire pumpers, gave some training to 185 fire fighters. To date, 7,695 fire fighters have received training by this means.

RESCUE COMPETITION

5. The annual rescue competition was cancelled because of the withdrawal, for unavoidable reasons, of three of the rescue parties that had entered.

EXERCISES

6. Twenty-two exercises were conducted in 1973, making a total of 316 collective training events since 1950. Details are shown at Annex "E"

PART FOUR

MUNICIPAL EMERGENCY PREPAREDNESS PROGRAM

MUNICIPAL PLANNING FOR WAR EMERGENCY

1. During the year, one Emergency Government Area "Basic Plan" was approved and adopted as part of the Alberta Survival Plan. At the end of 1973, approved Basic Plans were on record for 49 E.G. Districts/Areas and 31 individual municipalities outside of E.G. Areas, covering a total of 296 municipalities. Plans for 4 individual municipalities were integrated with Area plans.

2. Good progress was made in the preparation of Annexes to Basic Plans, and a total of 119 Annexes received ministerial approval in 1973. At the end of the year, the status of Annexes was as follows:

Emergency Service	Annexes to E.G. District/Area Plans (49 Areas)		Annexes to Municipal Plans (31 Municipalities)	
	Approved in 1973	Total To Date	Approved in 1973	Total To Date
Warning Arrangements	--	--	4	21
Headquarters	1	47	1	22
Radiological Defence	1	46	--	21
Health	2	12	--	--
Welfare	--	47	1	28
Fire	--	34	--	18
Police	1	40	--	31
Agriculture	5	24	--	--
Engineer	29	31	12	12
Communications	15	25	4	7
Rescue	11	33	6	11
Public Information	17	17	9	9
TOTALS:	82	356	37	180

MUNICIPAL PLANNING FOR PEACETIME EMERGENCIES AND DISASTERS

3. At the end of the year, Mutual Aid Agreements and Peacetime Disaster Plans were on record, as follows:

Mutual Aid Agreements: 37 (covering 194 municipalities)

Peacetime Disaster Plans: 92

MUNICIPAL RADIOLOGICAL DEFENCE PROGRAM

4. By the end of 1973, some 75% of the Radiological Defence equipment acquired by the province in previous years had been distributed to 236 municipalities.

5. To ensure the operational readiness of all instruments, the Radiological Defence Equipment Maintenance program was continued throughout the year.

PART FIVE

PUBLIC INFORMATION

GENERAL

1. With the pending passage of the Disaster Services Act in the fall of 1973, a major program was undertaken to inform Alberta citizens of the nature and purpose of the proposed legislation. This program, along with on-going public information activities, was carried out in co-operation with the Public Affairs Bureau.

METHOD

2. Alberta Disaster Services' activities during the year were kept before the public through information releases, radio and television interviews, public talks, Disaster Services School lectures, distribution of literature, film library operations, displays, information kits for schools and groups, and through the publication "Survival". Specific assistance was given to students from schools, universities, and colleges, and to members of youth groups such as guides and scouts. The Communications Department of the Northern Alberta Institute of Technology (responsible for closed circuit radio and a channel on Edmonton cablevision) began gathering information in order to prepare material on emergency planning and preparedness, for broadcast to the public.

FILMS

3. During 1973, 215 films were loaned from the Alberta Disaster Services film library to schools and groups.

PRINTED MATTER

4. Over 21,000 pamphlets were distributed in response to requests by telephone, and to "Box 10,000, Edmonton." Still more were distributed on a casual basis during emergency preparedness courses, conferences, public meetings, and by local Disaster Services personnel.

ADVERTISING

5. A special advertising campaign was undertaken during 1973, in conjunction with the public meetings held to garner public reaction to the proposed Alberta Disaster Services Act. Display advertisements were placed in 14 daily and weekly newspapers, informing people of the meetings and encouraging participation. In addition, posters were displayed in relevant locations.

DISPLAYS

6. In conjunction with the Public Affairs Bureau, a new display related to peacetime emergencies was prepared and used for the first time at the 1973 Municipal Conference with Municipal Officials.

"SURVIVAL" MAGAZINE

7. Two 12-page editions of "Survival" were issued to 3700 subscribers in 1973. Publication of additional editions was postponed pending passage and implementation of the Disaster Services Act.

NEWS RELEASES

8. Coverage by Alberta daily and weekly newspapers helped to make the Disaster Services organization and activities known to the public. Over 3,000 column inches appeared in Alberta and other Canadian newspapers. The Camrose - New Norway Hydrogen Sulphide gas emergency in October was afforded first page coverage in a London, England newspaper, the "Evening Standard".

9. Radio and TV interviews with staff, as well as aired commentaries, continued to be an effective means of informing the public of Disaster Services activities.

EDUCATIONAL KITS

10. Distribution of information kits for educational use was continued. A total of 143 kits, each containing 28 pamphlets and brochures, were sent out during 1973. This distribution included response to requests from a new sector: guides, brownies, cubs and scouts, who have found the material useful for earning merit and proficiency badges.

PART SIX

EXPENDITURES

PROGRAM EXPENDITURES

1. Summary. Disaster Services expenditures were shared between the three levels of government. Provincial/Municipal expenditures and Federal contributions for the Fiscal Year 1972/73 were as follows:

	Provincial Expenditure	Federal Contribu- tions Toward Pro- vincial Expendi- ture	Municipal Expenditure
a. Alberta Disaster Services Expendi- ture (Appropriation 1440)	\$668,953.82	\$225,600.00	
b. Related Alberta Public Works Expenditure	\$ 42,355.88	\$ 7,500.00	
c. Related Treasury Expenditure	\$ 7,802.30	---	
TOTALS:	\$719,112.00	\$233,100.00	\$ 22,738.64

2. Departmental Emergency Program Cost. Expenditures under Appropriation 1440 included the cost of emergency preparedness development carried out by professional and technical specialists in a number of Government Departments and Agencies:

a. <u>Agriculture</u> (Emergency Agriculture Services)	\$ 192.96
b. <u>Manpower and Labour</u> (Emergency Fire Services)	\$ 1,529.53
c. <u>Health and Social Development</u> (Emergency Health Services)	\$ 63,681.62
(Emergency Welfare Services)	\$ 38,860.08
d. <u>Alberta Government Telephones</u> (Emergency Communications Services)	\$ 12,570.41
TOTAL:	<u>\$116,834.60</u>

3. Municipal Emergency Program Cost. Appropriation 1440 expenditures also included the cost of the Civil Emergency Planning Financial Assistance Program for Municipalities. A total of 269 municipalities participated in this program, representing over 90% of the Alberta population. The cost of the Program for the Fiscal Year 1972/73 was shared as follows:

	Federal Share	Provincial Share	Municipal Share	Total Program Cost
Amount:	\$136,413.76	\$ 22,738.64	\$ 22,738.64	\$181,909.04
Percentage:	(75.0%)	(12.5%)	(12.5%)	(100.0%)

EMERGENCY OPERATIONS EXPENDITURES

4. A special Disaster Services contingency fund, Appropriation 1441, was established to provide for necessary unforeseen expenditures incurred in dealing with peacetime emergencies, and for emergency assistance to disaster victims. Fiscal Year 1972/73 expenditures from Appropriation 1441 for emergency and disaster operations were as follows:

a.	Forest Fire Threat - Town of Swan Hills	\$ 667.16
b.	Flood Damage - Peace River Zone	\$76,965.76
c.	Flood Threat - North Central Alberta	\$ 43.49
	<u>TOTAL:</u>	\$77,676.41

1973/74 FISCAL YEAR EXPENDITURES

5. Expenditures for the 1973/74 Fiscal Year will be shown in the Annual Report for 1974.

ANNEX A TO
ALBERTA DISASTER SERVICES
ANNUAL REPORT 1973

EMERGENCY OPERATIONS

WATER SHORTAGE -- (SMOKY LAKE)

1. On 12 February 1973, Alberta Disaster Services was requested to assist the Town of Smoky Lake in securing tank trucks to haul water, as the town reservoir was dry. These efforts were successful, and the hauling operation, which commenced on 13 February, was concluded on 2 March 1973.

WATER SHORTAGE -- (TOFIELD)

2. On 2 March 1973, the Town of Tofield requested assistance in hiring tankers to haul potable water for supplementing the almost depleted normal supply. The water hauling operation was completed on 20 March 1973. A grant of \$5,000 was made from the Emergency Contingency Fund to assist the Town in defraying costs of the operation.

ELECTRIC POWER OUTAGE --(CITY OF EDMONTON)

4. On the morning of Saturday, 17 March 1973, the Edmonton Power system suffered damage which resulted in a City-wide electric power failure lasting several hours. Due to fortuitous circumstances no serious problems arose; however, in less favourable conditions such as poor weather, darkness, peak business activity, or combinations of these factors, the impact on health, safety, and welfare could have been severe.

FLOOD -- (TOWN OF PEACE RIVER)

5. On 12 April 1973, an ice jam on the Peace River a few miles downstream from Peace River Town, resulted in severe flooding; 12 basements were flooded in North Peace River, and approximately 40 families were evacuated from West Peace River as a precaution. All evacuees returned to their homes the following day. Dykes constructed along the West Peace River waterfront after the 1972 flood prevented any appreciable damage in that area.

TOXIC GAS RELEASE -- (CAMROSE - NEW NORWAY AREA)

6. On 2 October 1973, following a sour gas well blow-out 5 miles west of Ferintosh and the resultant threat from Hydrogen Sulphide, RCMP began evacuating New Norway and the surrounding area. The City of Camrose and Wetaskiwin Emergency Measures Organizations, which were alerted to receive evacuees, registered and cared for 200 and 300 respectively. In addition, the City of Camrose activated their Emergency Government Headquarters and developed a contingency plan for the possible evacuation of the City.

CONFERENCES

1. ALBERTA EMO CONFERENCE WITH MUNICIPAL OFFICIALS AND E.M.
MUNICIPAL CO-ORDINATORS, CALGARY, 14 - 16 FEBRUARY 1973

The conference was attended by 175 municipal officials from over 100 Alberta municipalities, and in addition representatives were present from the Canadian Forces, Canada Emergency Measures Organization, and 10 volunteer service organizations. The purpose of the Conference was to bring delegates up to date in emergency preparedness planning and programs. Due to his commitments at the opening of the Legislature, the Minister-in-Charge was unable to attend in person; however, taking advantage of modern technology, he addressed the delegates by closed-circuit television and responded to questions via a special telephone link from Edmonton.

2. CONFERENCE OF MINISTERS AND SENIOR OFFICIALS RESPONSIBLE FOR
EMERGENCY MEASURES IN WESTERN CANADA. REGINA, SASKATCHEWAN,
5 - 7 SEPTEMBER 1973

In attendance were Ministers, senior Emergency Measures Officials from the Western Provinces, and representatives from Canada Emergency Measures Organization, Canadian Forces, and the R.C.M. Police. The purpose of the Conference was to exchange ideas and examine common problems.

3. NATIONAL CO-ORDINATOR'S CONFERENCE WITH PROVINCIAL CO-ORDINA-
TORS/DIRECTORS. CANADIAN EMERGENCY MEASURES COLLEGE, ARN-
PRIOR, ONTARIO, 8 - 9 NOVEMBER 1973

This conference was specially convened to discuss the implications to the Provinces of the cut in Federal Financial Assistance Program funds announced by the Minister of National Defence.

ANNEX C TO
ALBERTA DISASTER SERVICES
ANNUAL REPORT 1973

TRAINING STATISTICS

CANADIAN EMERGENCY MEASURES COLLEGE

1. Attendance of personnel from Alberta Government Departments and from municipalities at courses and conferences at the Canadian Emergency Measures College was as indicated below:

Type of Course/Conference	Number of Courses/ Conferences	Number of Candidates from Alberta
Canada Agriculture Emergency Planning	1	6
EMO Community Shelter Planning	1	2
EMO Mayors' and Other Elected Officials' Conference	3	12
EMO Communications Planning Officers' Conference	1	2
EMO Analysis and Design of Fallout Protection	1	1
EMO Disaster Readiness Education - Phase 1	2	5
EMO Disaster Readiness Education - Phase 3	1	1
EMO Space Usability Survey (Summer Students)	1	1
EHS Nurse Educators	1	3
EHS Community Emergency Health Planning	3	9
EWS Program Management	2	4
EWS Registration and Inquiry	1	1
EWS Emergency Lodging Plans and Operations	1	2
EWS Emergency Feeding Staff Plans	<u>1</u>	<u>3</u>
	20	52

2. By the end of the year 2,640 candidates from Alberta had received training at Federal courses.

ANNEX D TO
ALBERTA DISASTER SERVICES
ANNUAL REPORT 1973

TRAINING STATISTICS

PROVINCIAL AND MUNICIPAL TRAINING

1. As a result of the change of name from Alberta Emergency Measures Organization to Alberta Disaster Services Agency, in November 1973 the Provincial school was renamed the Alberta Disaster Services School. This School had, since 1951, provided training for candidates from Alberta municipalities, Provincial and Federal Government departments, the Canadian Forces, and Industry. Details for 1973 were as follows:

Type of Course	Number of Courses	Number of Candidates
EHS Nurses' Orientation	2	63
EHS Nursing Aides' and Nursing Orderlies' Orientation	1	26
EHS Casualty Simulation	3	23
EMO Advanced Rescue	1	8
EMO Radiological Defence Officers	1	16
EWS Directors' Course	2	33
EWS Emergency Lodging	1	3
EWS Registration and Inquiry	1	9
EWS Emergency Clothing	3	37
EWS Emergency Feeding	<u>2</u>	<u>26</u>
	17	244

2. The candidates listed above brought the total number of candidates trained at the Alberta Emergency Measures School to 10,016.

3. Alberta Disaster Services Instructors assisted municipalities at local courses, and provided casualty simulation for hospital disaster exercises conducted during the year. In addition, lectures were given to student nurses at hospitals in Edmonton, Calgary and other municipalities; and to students at Elementary and High Schools.

4. Facilities of the school were made available to Alberta Government Telephones, Northern Alberta Radio Club, St. John Ambulance Association and Canada Customs and Excise, for training purposes.

ANNEX E TO
ALBERTA DISASTER SERVICES
ANNUAL REPORT 1973

EXERCISES

1. During 1973, twenty-two exercises were conducted, as shown in the following paragraphs.

MUNICIPAL EXERCISES

2. Exercises to practise the staff of Emergency Government Headquarters were conducted at:

Flagstaff Emergency Government Area (Sedgewick)	21 November
Town of Oyen	22 November

3. A radiological defence exercise was conducted at Ponoka on 15 November 1973.

HOSPITAL DISASTER EXERCISES

4. Hospital Disaster exercises were conducted in the following municipalities:

Calgary (Alberta Children's)	6 March
Cold Lake (John Neil)	20 March
Claresholm (General)	9 May
Viking (Municipal)	14 May
Eckville (Municipal)	6 June
Redwater (Thorhild County General)	11 June
Grande Cache (General)	16 June
Galahad (St. Joseph's)	28 June
Grande Prairie (Municipal)	13 September
Westlock (Immaculate)	24 September
Banff (Mineral Springs)	26 September
Canmore (Municipal)	26 September

Wainwright (General)	10 October
Elnora (General)	31 October
Three Hills (Municipal)	31 October
Trochu (St. Mary's)	31 October
Innisfail (General)	6 November
Rocky Mountain House (General)	8 November
Spirit River (Central Peace General)	15 November

